

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD OF PRODUCING HYBRID METAL/CERAMIC

COMPOSITES AND RESULTANT PRODUCTS

the specification of which

(check one)

☒ [X]

is attached hereto.

☐ [ ]

was filed on \_\_\_\_\_ as

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> [ ]	<input type="checkbox"/> [ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> [ ]	<input type="checkbox"/> [ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> [ ]	<input type="checkbox"/> [ ]

I hereby claim the benefit under 35 USC 119(d) of any United States Provisional application(s) listed below.

_____ (Application Serial No.)	_____ (Filing Date)	_____ Status (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ Status (patented, pending, abandoned)

0925073-081401

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

_____ (Application Serial No.)	_____ (Filing Date)	_____ Status (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ Status (patented, pending, abandoned)

### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) jointly and severally to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and to file any and all International Application(s) with respect thereto and to act on my behalf before the competent International Authorities with respect thereto:

John L. Sigalos (Reg. No. 19,043)

Send Correspondence to:

John L. Sigalos  
Carillon Towers  
13601 Preston Road, Suite 402W  
Dallas, TX 75240

Direct Telephone Calls to:

John L. Sigalos  
Telephone: (972) 770-0024  
Facsimile: (972) 770-0028

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Stuart T. Schwab  
Inventor's signature \_\_\_\_\_  
Residence Albuquerque, New Mexico Date \_\_\_\_\_  
Citizenship USA  
Post Office Address 11201 Spyglass Hill Lane NE Albuquerque, NM 87111

Full name of second joint inventor Thomas W. Hardek  
Second Inventor's signature \_\_\_\_\_  
Residence Jemez Springs, New Mexico Date \_\_\_\_\_  
Citizenship USA  
Post Office Address 123 Mimbres Way Jemez Springs, NM 87025

Full name of third joint inventor Joel D. Katz  
Second Inventor's signature \_\_\_\_\_  
Residence Los Alamos, New Mexico Date \_\_\_\_\_  
Citizenship USA  
Post Office Address 370 Briston Place Los Alamos, NM 87544

09999-00140-1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**ASSIGNMENT OF APPLICATION**AND  
INVENTIONDocket Number (Optional)  
T36-201-010

Whereas, I, STUART T. SCHWAB of 11201 SPYGLASS HILL LANE NE ALBUQUERQUE, NM 87111, hereafter  
 ASSIGNOR  
 referred to as have invented certain new and useful improvements in METHOD OF  
PRODUCING HYBRID METAL/CERAMIC COMPOSITES AND RESULTANT PRODUCTS

☒ for which an application for a United States Patent was filed on AUGUST 14, 2001  
 Application Number                     

☐ for which an application for a United States Patent was executed on                     , and

Whereas, THOR TECHNOLOGIES, INC of ALBUQUERQUE, NM herein referred to  
 "assignee" whose post office address is LRRI/SOUTH BLDG. 9200, AREA Y KIRKLAND AFB-EAST, ALBUQUERQUE, NM 87115 is de-  
 siring of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00 ), the receipt whereof is ac-  
 knowledged, and other good and valuable consideration, I, the ASSIGNOR AND OTHER GOOD AND VALUABLE CONSIDERATION

by these presents do sell, assign  
 and transfer unto said assignee the full and exclusive right to the said invention in the United States and the  
 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States.  
 I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States  
 Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;  
 and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may  
 be granted, as fully and entirely as the same would have been held by me had this assignment and sale not  
 been made.

Executed this                      day of                     , 19               
 at                     

(Signature)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## ASSIGNMENT OF APPLICATION AND INVENTION

**Docket Number (Optional)**  
T36-201-010

Whereas, I, THOMAS W. HARDEK of 123 MIMBRES WAY  
JEMEZ SPRINGS, NM 87025, hereafter  
ASSIGNOR  
referred to as have invented certain new and useful improvements in METHOD OF  
PRODUCING HYBRID METAL/CERAMIC COMPOSITES AND RESULTANT PRODUCTS

☒ for which an application for a United States Patent was filed on AUGUST 14, 2001  
Application Number                      /                     

☐ for which an application for a United States Patent was executed on \_\_\_\_\_ and \_\_\_\_\_

Whereas, THOR TECHNOLOGIES, INC of ALBUQUERQUE, NM herein referred to  
"assignee" whose post office address is LRRI/SOUTH BLDG. 9200, AREA Y  
KIRKLAND AFB-EAST, ALBUQUERQUE, NM is de-

87115  
AND OTHER GOOD AND VALUABLE

Now, therefore, in consideration of the sum of ONE dollars (\$1.00), the receipt whereof is assigned to the ASSIGNOR,

knowledge, and other good and valuable consideration, I, the **ASSIGNOR** by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

\_\_\_\_\_

**(Signature)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

AND  
INVENTION

**Docket Number (Optional)**  
T36-201-010

Whereas, I, JOEL D. KATZ of 370 BRISTON PLACE  
LOS ALAMOS, NM 87544, hereafter  
referred to as ASSIGNOR have invented certain new and useful improvements in METHOD OF  
PRODUCING HYBRID METAL/CERAMIC COMPOSITES AND RESULTANT PRODUCTS

☒ for which an application for a United States Patent was filed on AUGUST 14, 2001  
Application Number                     .

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, THOR TECHNOLOGIES, INC. of ALBUQUERQUE, NM herein referred to  
"assignee" whose post office address is LRRI/SOUTH BLDG. 9200, AREA Y  
KIRKLAND AFB-EAST, ALBUQUERQUE, NM is de-  
87115  
sires of acquiring the entire right, title and interest in the same; AND OTHER GOOD AND VA  
CONSIDERATION

sious of acquiring the entire right, title and interest in the same; AND OTHER GOOD AND VALUABLE  
 Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00 ), the receipt whereof is ac-  
 knowledged, and other good and valuable consideration, I, the ASSIGNOR, by these presents do sell, assign  
 and transfer unto said assignee the full and exclusive right to the said invention in the United States and the  
 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States.  
 I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States  
 Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;  
 and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may  
 be granted, as fully and entirely as the same would have been held by me had this assignment and sale not  
 been made.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
at \_\_\_\_\_

(Signature)